

FIG 1 Fundamental Components of a Liquid Crystal
Display Device

10 →
10

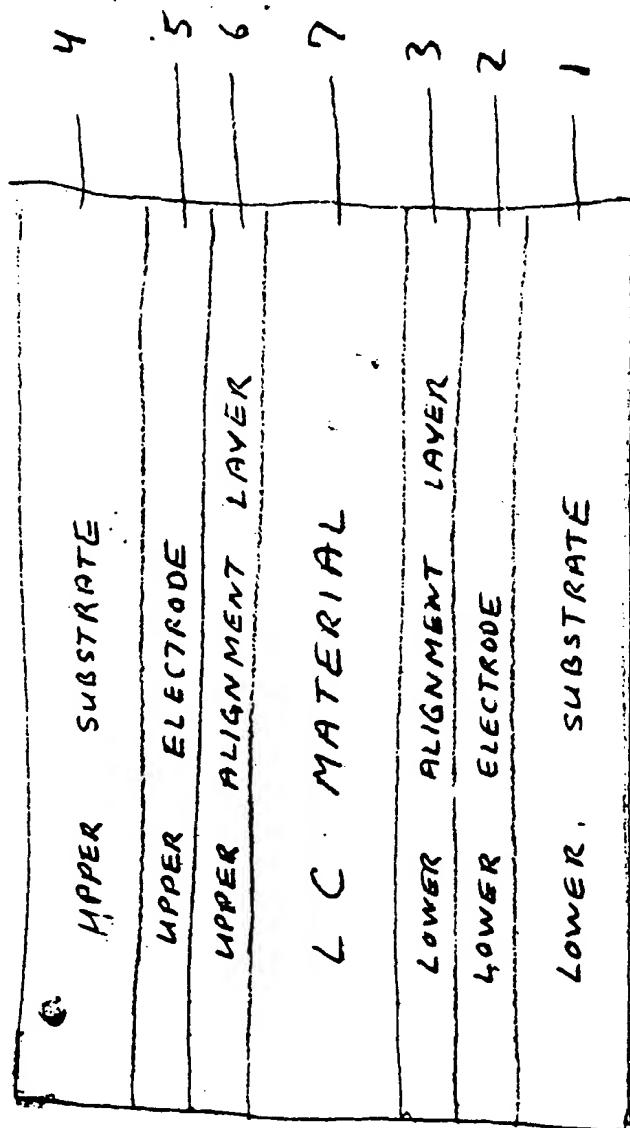


FIGURE 1a

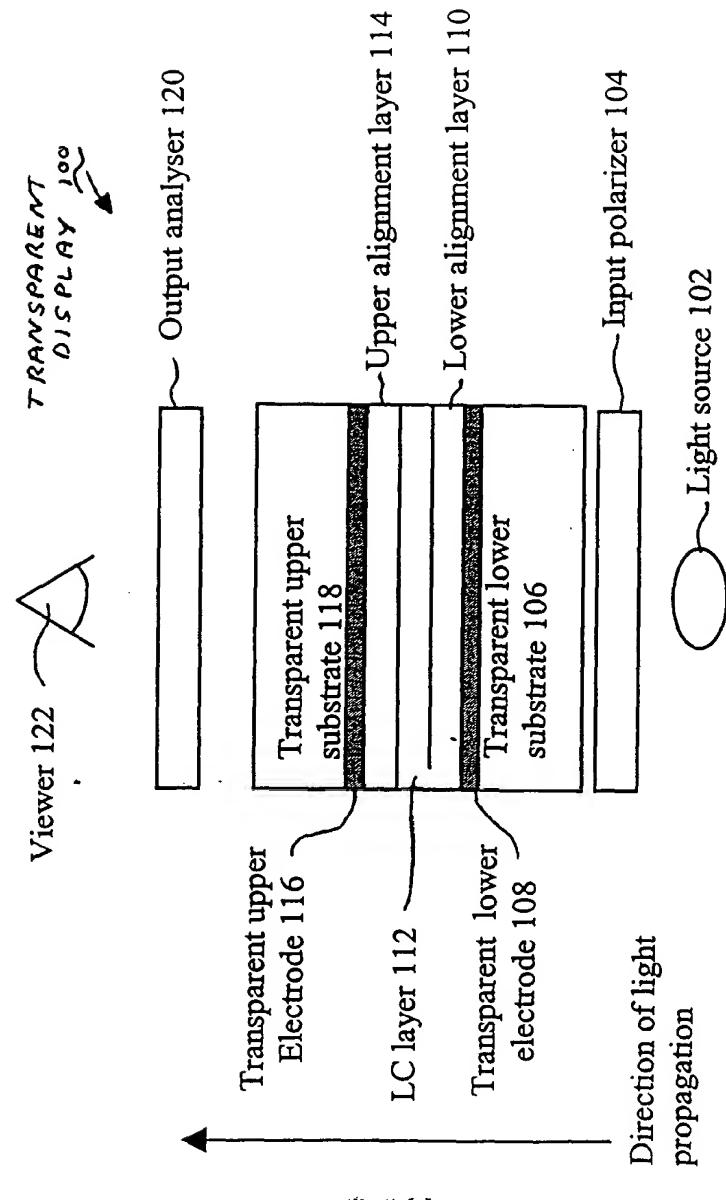


FIGURE 16

FIGURE 16 " FIGURE 16

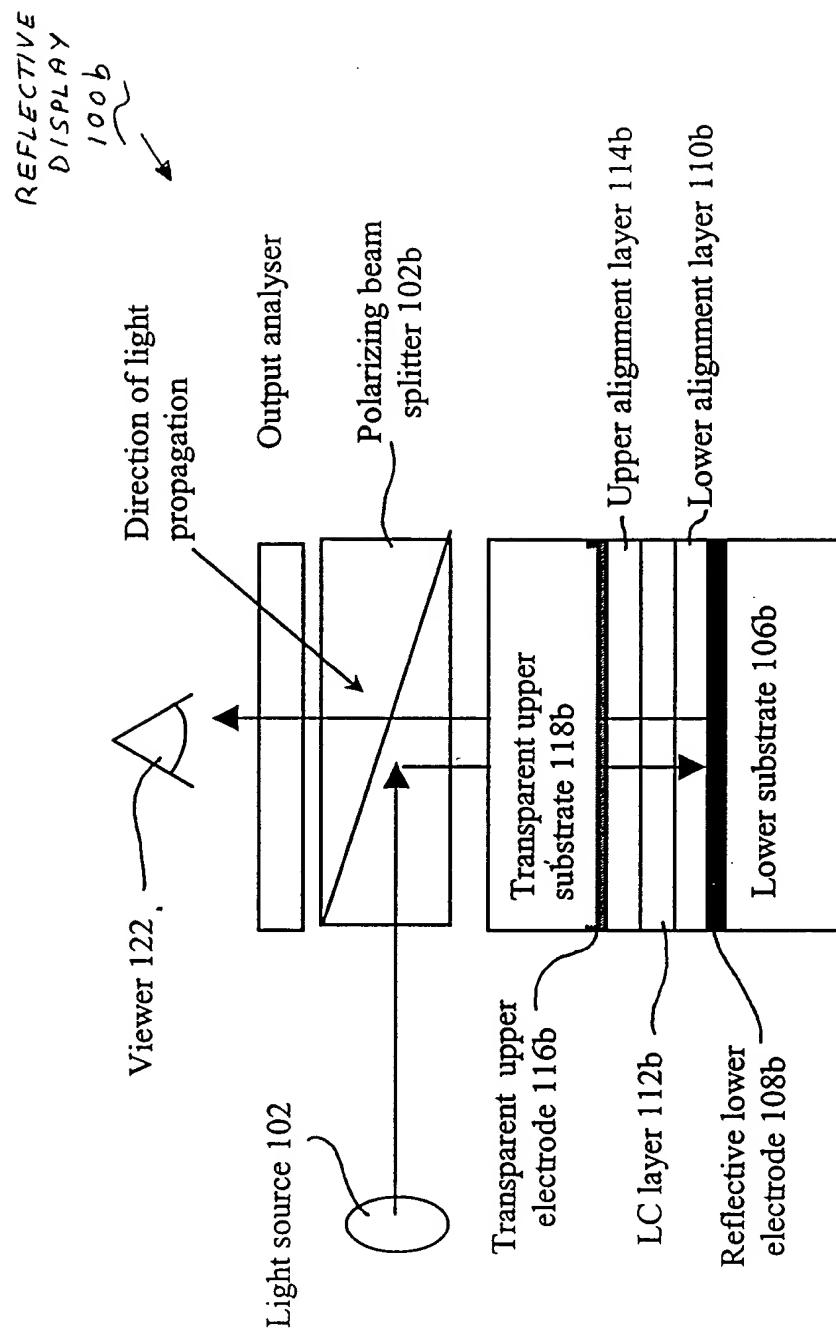
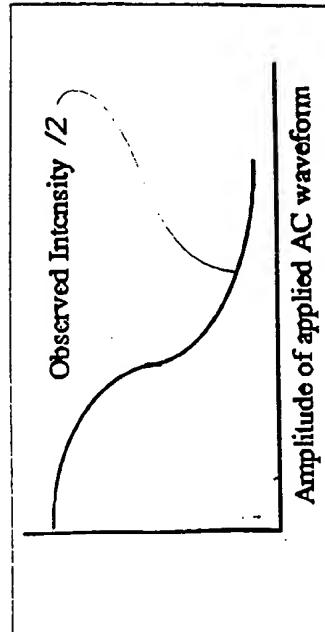
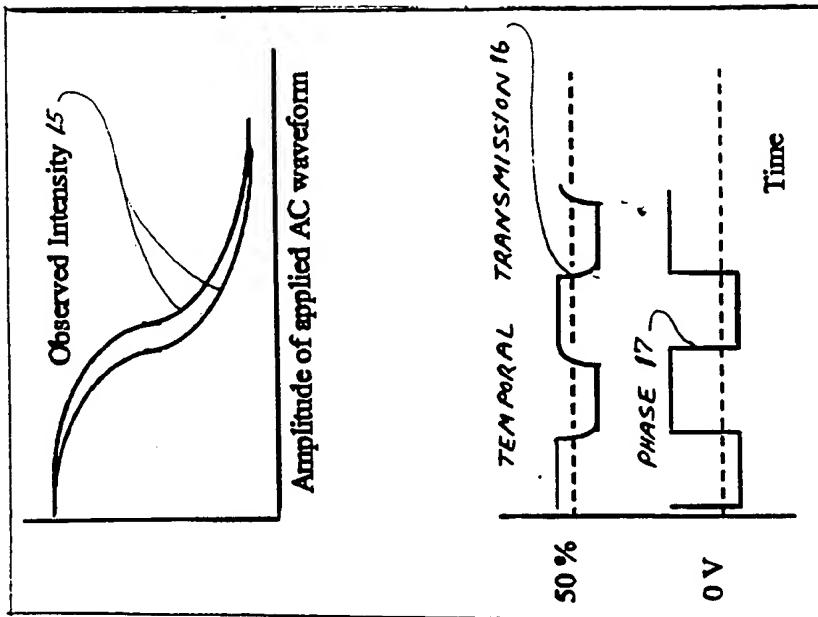
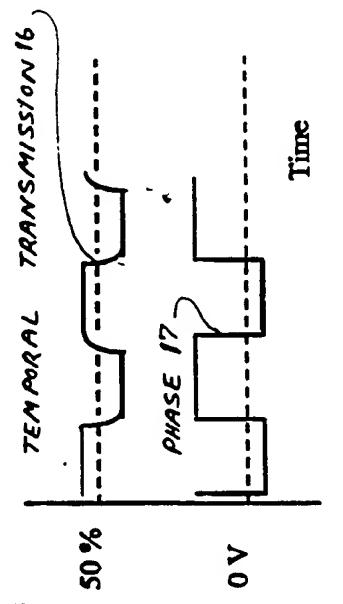
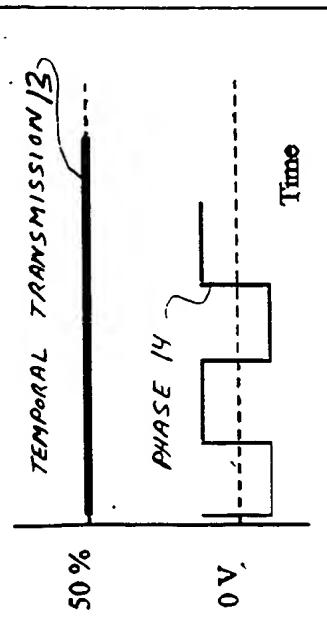


FIGURE 2

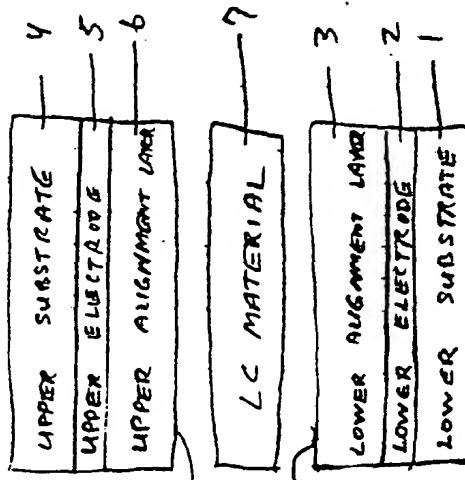


Amplitude of applied AC waveform



F 16 3

25 (upper assembly)



UPPER SURFACE POTENTIAL
MEASUREMENT LOCATION 6a

20 (lower assembly)

FIGURE 3a

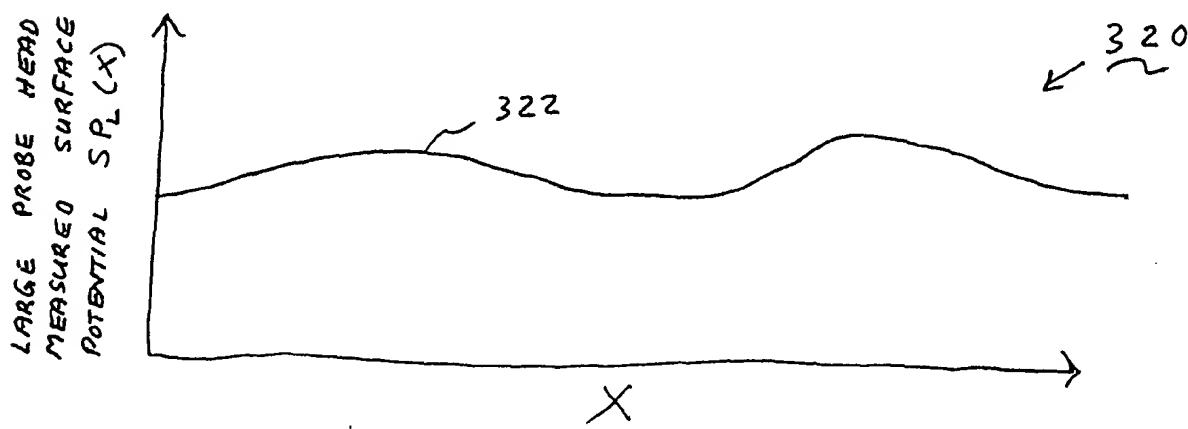
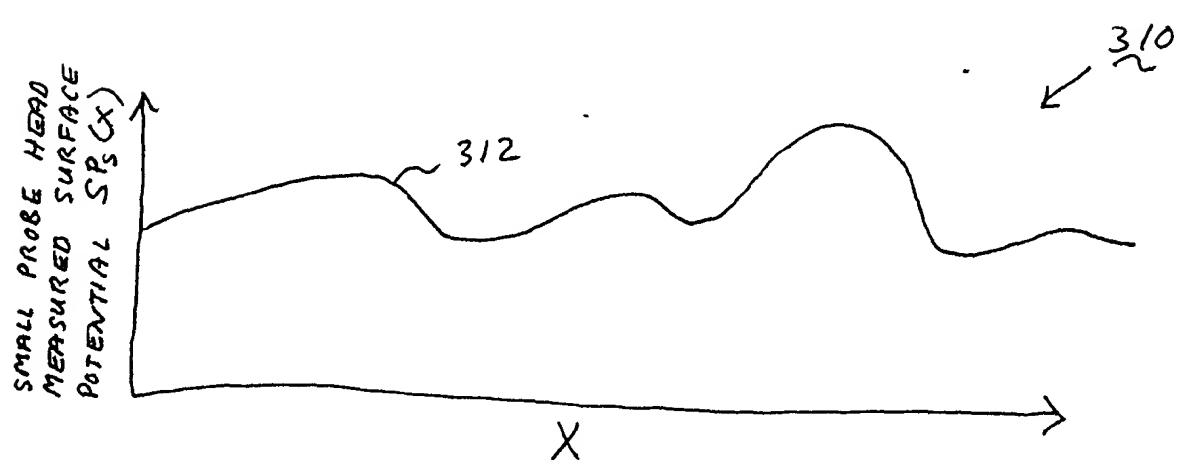
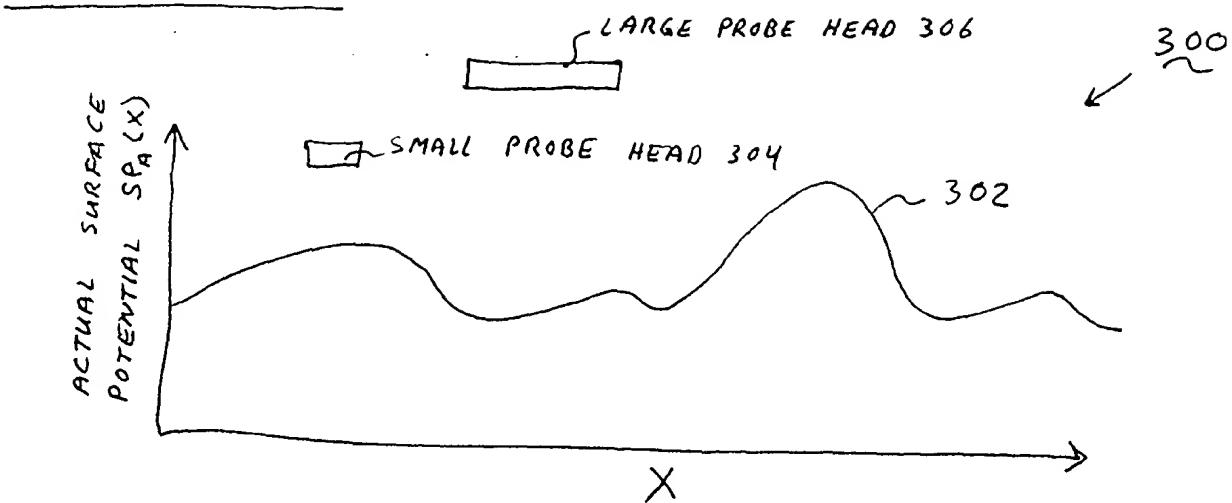
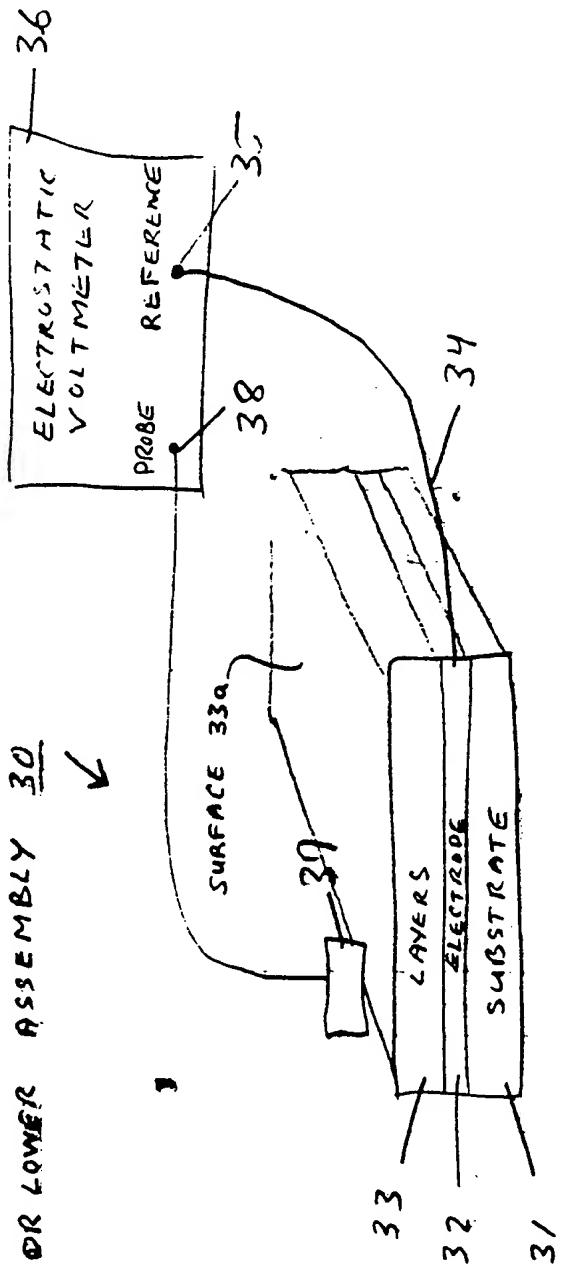


FIG 4

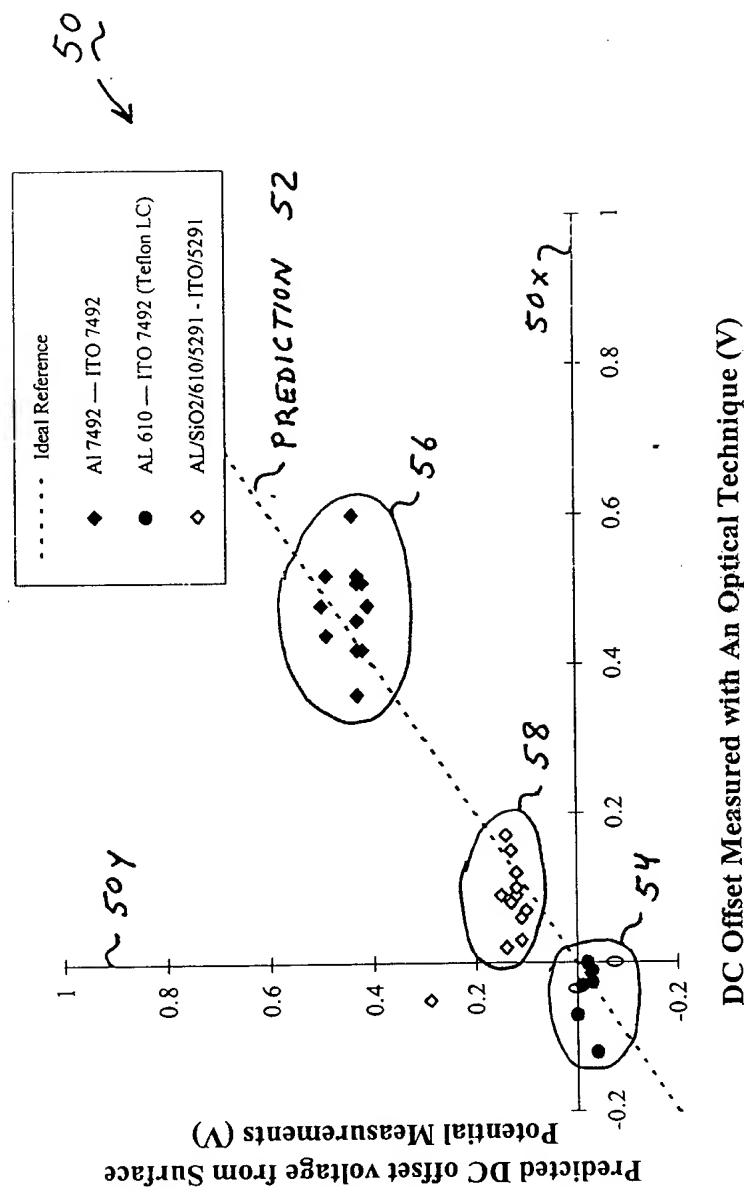
UPPER OR LOWER ASSEMBLY 30



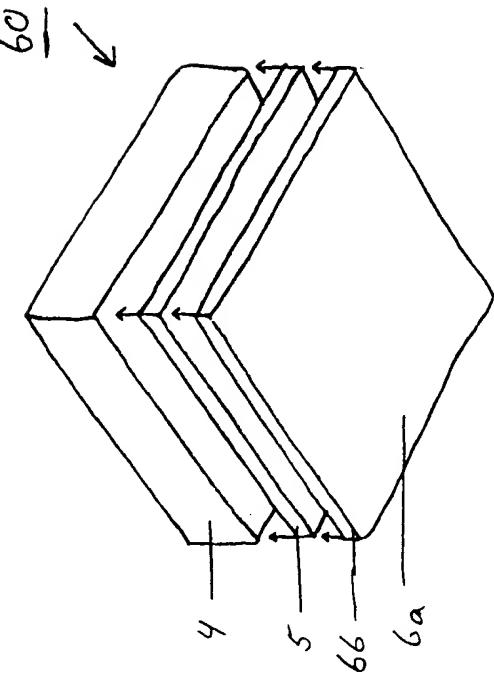
22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

FIGURE 5

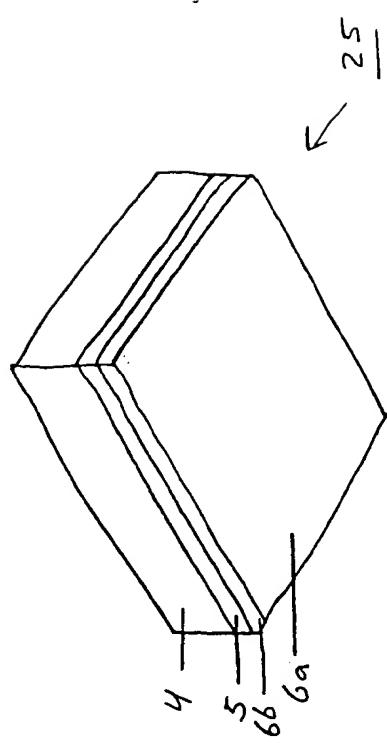
Comparison of Predicted to Measured DC Offset
Voltage



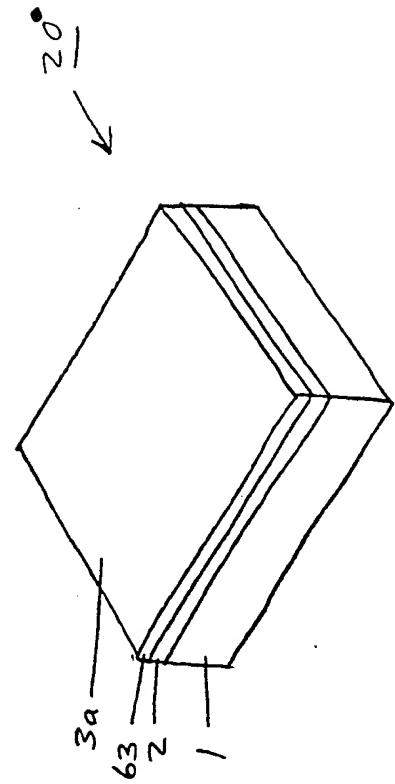
F16



60°



25°



20°

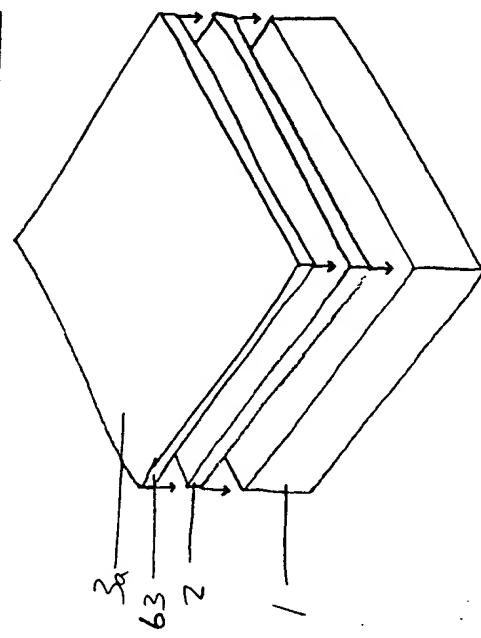


FIG 7

70
↙

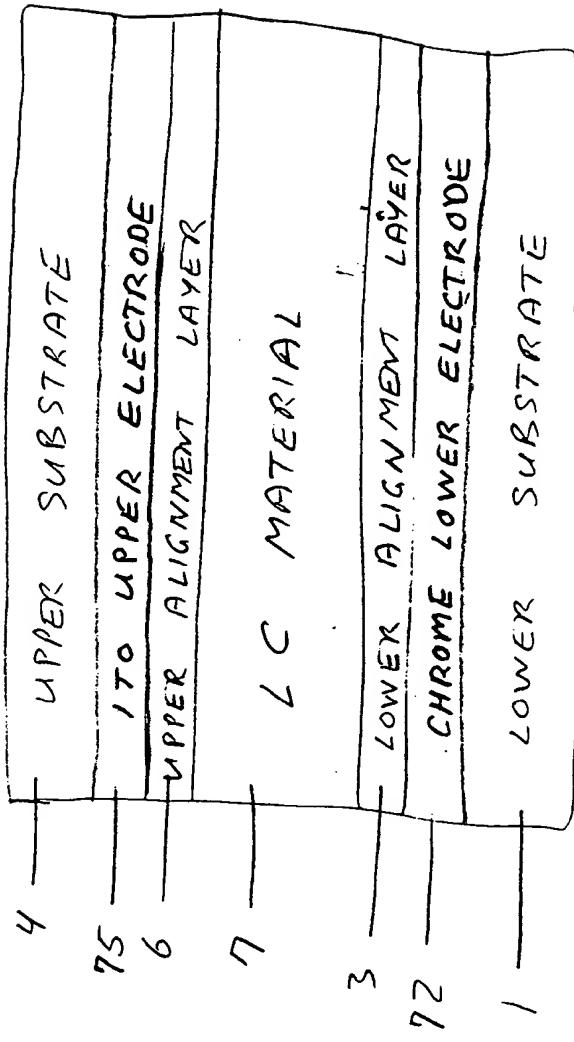
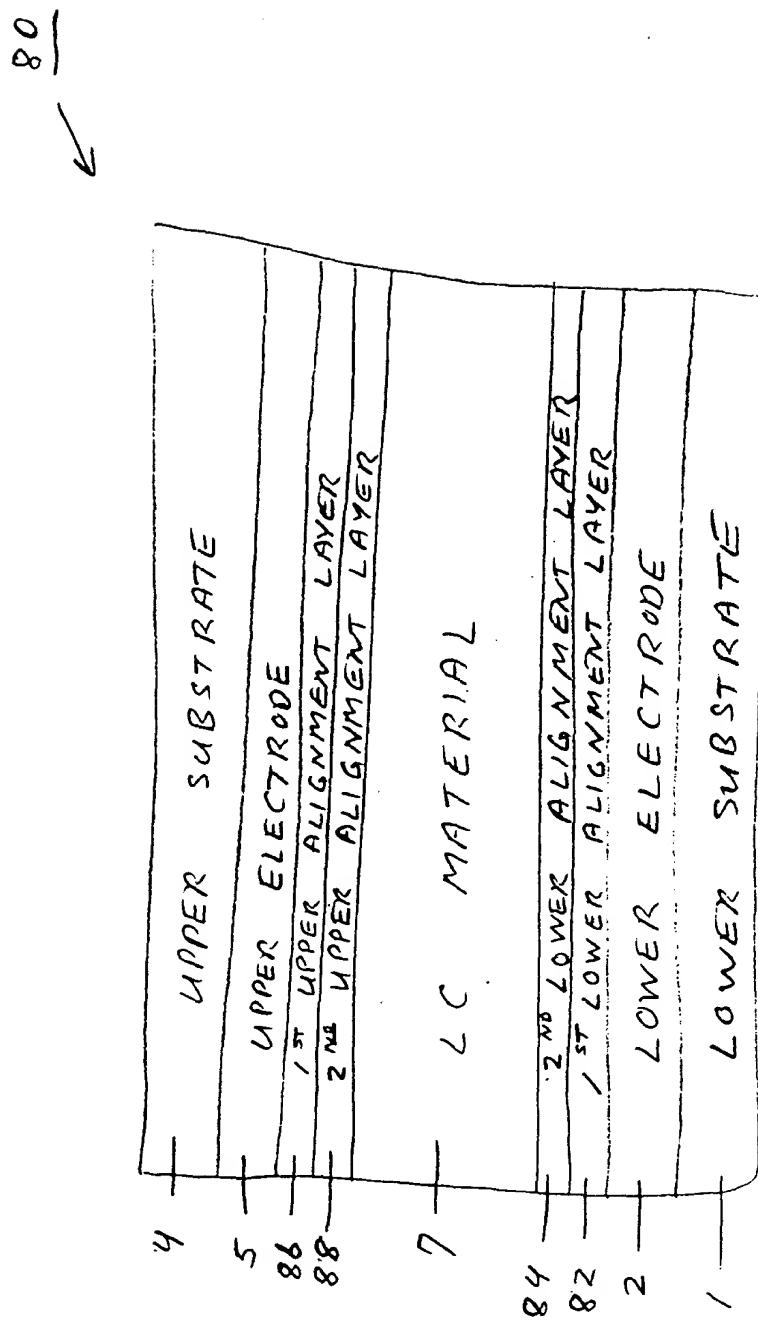


FIG — 8



F/G

— 9 —

— 90 —

